

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Artemis G. Hatzigeorgiou, *et. al.*

Serial No.: 10/564,707

Group Art Unit: 1574

Filed: June 30, 2006

Examiner: Jane J. Zara

Title: **METHODS AND SYSTEMS FOR IDENTIFYING MICRO-RNA
TARGETS AND SYNTHESIZING NOVEL MICRO-RNAS AND USES OF
THE SAME**

Mail Stop: Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

FILED VIA EFS-WEB: October 5, 2010

REPLY AND AMENDMENT

Dear Sir:

This reply and amendment is being filed in response to the outstanding Official Action dated April 13, 2010, in connection with the above-identified patent application. **The period to respond is extended by petition and payment of the appropriate fee provided herewith.** Applicants respectfully request entry of the following amendments and withdrawal of the pending rejections upon reconsideration.

Amendments to the claims begin on Page 2.

A Remarks section begins on Page 9.